

HIGH SPEED FANFOLD PRINTER

TECHNICAL DATA

Printer Specification

Technology: serial impact dot matrix
Printhead: 24 wires, 0.25 mm (0.01 inch) needle diameter;
life time 400 million characters
Print mode: data (DQ), near letter (NLQ) and letter quality (LQ)
Print format: 136 characters at 10 characters per inch (cpi)
Ribbon: nylon ribbon cassette, black, more than 16 million characters
Dimensions: 740 x 455 x 327 mm (WxDxH)
(29.6 x 18.2 x 13 inch)
Weight: 33 kg (72 lb)
Diagnostics: selftest, hexdump, remote diagnostics via interface
Operator Panel: 16 digit LCD display, trilingual (German, English, French)
Rated voltage: 100-120/200-240 V, 50-60 Hz
Power input: 200 W, 40 W Standby
Environmental
temperature: operating: +10 to +35 °C (+50 to + 95°F)
20 to 80% rel. humidity
storage: -40 to +70 °C (-40 to +158°F)
5 to 85% rel. humidity
Noise level: 55 dB(A) acc. to ISO 7779
Agency
approvals:VDE/GS, UL, C-UL, CE, FCC-B

Performance

Print speed: DQ: 700 cps DQ, 60 characters/line: 450 lpm
(10 cpi)NLQ: 350 cps DQ, 80 characters/line: 370 lpm
LQ: 175 cps

Throughput: letter spreadsheet (13.2")
(ECMA 132, DQ: 750 430 pages/hour
fanfold, 1-ply, NLQ: 520 - pages/hour
10 cpi) LQ: 320 - pages/hour

Workload: 30,000 pages per month
MTBF: 10,000 hours at 30% duty cycle

Paper Handling

Paper path: flatbed technology; 2 paper inputs and 2 paper outputs, selectable via software or operator panel
Paper input: two independent, easy to plug-in tractor cassettes for fanfold paper; push tractors with park position
Paper output: either to the rear (zero tear off or cut, batch tray) or to the top (stacker for cut sheets)
Paper weight: 60 to 90 g/m₂ (2.4 to 3.6 oz/m₂)
formsets up to 350 g/m₂ (14 oz/m₂)
Paper width: 4 to 16 inch
Form feed speed: 20 inch/second; 25 ms per line feed
Cutting device: integrated; rotating blade cuts bidirectionally, effective for 1 million cuts; separates print jobs and cuts fanfold paper and continuous multi-part formsets into any size
Automatic Gap
Control (AGC): optimizes automatically the distance between print head and paper according to paper thickness
Paper run control: unattended mode
Copies: 1 + 5 copies, max. paper thickness 0.5 mm (0.02 inch)

Connectivity

Interfaces: parallel Centronics and serial RS-232C/V.24 in shared mode
Emulations: IBM Printer XL 24 (AGM), Epson LQ 2550/1060/

STANDARD PERSONALITY MODULE (PM)

Buffer: up to 30 KByte

Character sets: ISO 7-bit, in 11 national versions incl. ASCII;
 ISO 8859/1; IBM Set 1/Set 2 in 14 national versions;
 IBM Code Pages 437, 850, 860, 863, 865;
 Epson Ext. Char. Set in 15 national versions;
 Eastern European character sets optional

Fonts: draft quality: Data, Data Block, and Data Large (block characters);
 near letter and letter quality: Courier, Letter Gothic
 (Italic), Micro, OCR-A, OCR-B,
 Orator, Orator-C, Prestige, Roman, and Script
 line, double underline, overline, strike through,

Attributes: bold, italic, shadow, outline, double strike, under
 sub/superscript, double to octuple, for Data Large 99-fold size

Pitches: 10, 12, 15, 17.1, 18 and 20 cpi, proportional

Line spacing: 2, 3, 4, 6, 8, ... 360 lpi

Barcode: EAN 8, EAN 13, UPC-A, UPC-E, KIX Code, Postnet, Code 39, Code 93, Code 128 (incl. EAN 128), Codabar, 2 of 5 industrial,
 2 of 5 interleaved, and MSI Mod 10/10, all
 horizontal and vertical.

Graphics: uni/bidirectional printing (selectable), 360 x 360 dpi max.

Macros: parameter settings for up to four individual printer configurations, selectable via software or operator panel

OPTIONAL PERSONALITY MODULES

Ethernet: Ethernet (10 Base T, 10 Base 2) and serial interfaces

Twinax IPDS: IBM Twinax and parallel interfaces

Twinax SCS: IBM Twinax, parallel and serial interfaces

Coax SCS: IBM Coax, parallel and serial interfaces

IGP: Standard PM with Printronix IGP 10/20/40 emulation

HP: Standard or Ethernet PM with HP2934/2235 emulations

DEC-ANSI: Standard or Ethernet PM with DEC-ANSI emulation

Eastern European

Version: PM Standard, Ethernet, IGP, Coax SCS, or Twinax SCS

Printer driver for Windows 3.x, Windows 95, Windows NT 3.51, and Windows NT 4.0 are available.

Options

Printer stand: dimensions (WxDxH): 635 x 660 x 840 mm(25.4 x 26.4 x
 33.6 inch); weight: ~ 25 kg (55 lb)

Tractor cassettes: additional tractor cassettes can be loaded with paper to be ready for quick plug-in once required. Very helpful if several
 different types of media are used alternatively.

Stacker option: stacking system integrated in the printer stand for orderly stacking of fanfold paper. Capacity: 2,000 pages

Cut sheet tray: optimized output tray for smaller sized forms. Mounted directly below the cutting device. Capacity: 600 pages

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